

**TABLE 2C-17**  
**MORTALITY RATES<sup>1</sup> FOR THE FIVE LEADING CAUSES<sup>2</sup> OF DEATH AMONG YOUNG ADULTS (20-44 YEARS)**  
**IN URBAN AND RURAL AREAS<sup>3</sup>, ARIZONA, 1996-2006**

Area/Cause	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	% change from 1996
<b>URBAN</b>												
Accidents (unintentional injuries)	42.8	41.7	44.4	43.6	34.0	43.7	39.1	38.3	35.5	40.2	44.8	4.7
Motor vehicle accidents	21.0	20.7	20.9	21.1	17.6	19.5	18.9	19.2	17.5	21.1	21.2	1.0
Other injury	21.9	21.1	23.5	22.5	16.4	24.2	20.2	19.1	18.0	19.1	23.6	7.8
Intentional self-harm (suicide)	20.4	20.3	21.5	17.8	16.5	12.3	18.0	17.9	16.2	16.8	16.2	-20.6
Assault (homicide)	15.8	17.6	17.6	16.7	13.0	16.9	15.6	14.8	15.2	14.9	15.1	-4.4
Malignant neoplasms	19.7	18.5	20.1	19.0	17.8	18.6	16.2	14.7	16.0	11.8	13.5	-31.5
Diseases of heart	15.5	12.7	13.6	12.5	10.5	12.3	11.8	11.0	10.6	11.9	10.0	-35.5
ALL CAUSES	170.9	158.1	161.4	150.6	147.8	148.1	145.4	140.2	132.2	133.0	139.3	-18.5
(Number of all deaths)	(2430)	(2303)	(2391)	(2311)	(2372)	(2464)	(2494)	(2477)	(2426)	(2532)	(2640)	8.6
<b>RURAL</b>												
Accidents (unintentional injuries)	88.8	78.2	74.5	65.5	59.3	74.0	63.2	75.5	58.9	72.0	66.9	-24.7
Motor vehicle accidents	62.4	51.4	50.7	39.9	37.5	42.8	37.9	48.1	38.4	44.2	42.4	-32.1
Other injury	26.4	26.8	23.8	25.6	21.8	31.2	25.3	27.4	20.5	27.8	24.5	-7.2
Intentional self-harm (suicide)	27.2	30.3	28.8	24.5	27.4	19.2	26.0	26.8	29.5	26.8	25.5	-6.3
Malignant neoplasms	22.9	24.5	25.7	20.5	21.5	17.8	22.8	17.2	15.9	17.8	14.0	-38.9
Assault (homicide)	16.6	14.0	16.1	11.3	9.6	12.7	11.9	11.3	9.9	12.6	11.2	-32.5
Diseases of heart	15.8	15.6	18.1	16.5	15.2	11.6	16.2	16.8	14.2	10.0	15.0	-5.1
ALL CAUSES	249.0	220.6	219.4	193.6	208.1	212.6	212.2	217.3	194.3	189.9	196.9	-20.9
(Number of all deaths)	(631)	(567)	(571)	(529)	(561)	(586)	(604)	(633)	(587)	(588)	(618)	(-2.1)
<b>STATEWIDE</b>												
Accidents (unintentional injuries)	53.7	51.0	52.1	47.5	37.7	48.1	42.5	43.5	38.8	44.6	47.9	-10.8
Motor vehicle accidents	30.0	27.5	27.4	24.3	20.5	22.9	21.6	23.3	20.5	24.3	24.2	-19.3
Other injury	23.6	23.5	24.7	23.2	17.2	25.2	20.9	20.2	18.3	20.3	23.7	0.4
Intentional self-harm (suicide)	23.4	24.1	24.4	19.4	18.1	13.3	19.1	19.2	18.1	18.2	17.6	-24.8
Diseases of heart	16.6	14.4	15.0	13.4	11.4	12.2	12.4	11.8	11.1	11.7	10.7	-35.5
Malignant neoplasms	22.0	20.7	22.9	19.8	18.3	18.5	17.1	15.0	16.0	12.6	13.6	-38.2
Assault (homicide)	17.3	17.8	18.0	16.2	12.5	16.3	15.1	14.3	14.5	14.5	14.5	-16.2
ALL CAUSES	199.9	184.4	184.8	162.0	156.5	158.2	154.9	151.1	141.0	140.9	147.5	-26.2
(Number of all deaths)	(3349)	(3159)	(3218)	(2929)	(2933)	(3069)	(3099)	(3110)	(3013)	(3121)	(3258)	(-2.7)

<sup>1</sup>Rates are presented per 100,000 young adults 20-44 years old.

<sup>2</sup>The five causes with the greatest number of deaths statewide over the 1996-2006 period.

<sup>3</sup>Urban = Maricopa, Pima, Pinal, and Yuma counties. The remaining counties comprise Arizona's rural areas. See **Technical Notes** for more information.

Note: Records with unknown county of residence are included in the statewide totals, but are not distributed by urban/rural area. The cause-of-death titles are according to the Tenth Revision of the International Classification of Diseases (ICD-10). The causes of death for 2000-2006 are classified by ICD-10, replacing the Ninth Revision (ICD-9) used during 1979-1999. Measures of comparison between ICD-9 and ICD-10 – the "comparability ratios" – for the causes of death shown in this report are provided in the **Technical Notes**.